

Patent Abstracts of Japan

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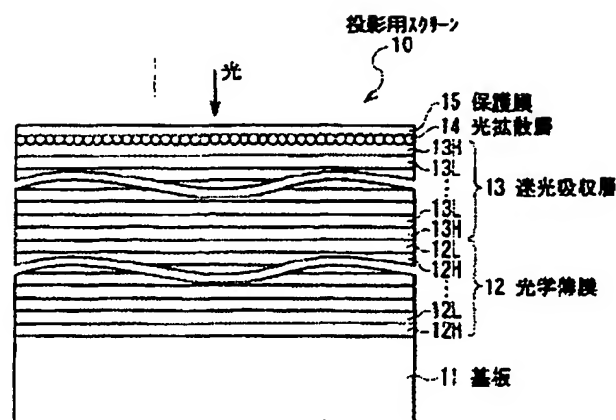
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TITLE : SCREEN FOR PROJECTION AND  
MANUFACTURING METHOD  
THEREFOR



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ABSTRACT : PROBLEM TO BE SOLVED: To provide a screen for projection which not only makes it possible to obtain a clear image without being affected by projection environment, but also can improve the contrast of the image to obtain a sharp image, and to provide a manufacturing method for the same.

SOLUTION: A stray light absorbing layer 13 is formed on an optical thin film 12. This stray light absorbing layer 13 transmits light of the primary-color wavelength region and light in an invisible wavelength region, and absorbs stray light near the wavelength region of the primary-color light. Hence the light of the primary-color light wavelength region with a sharp spectrum falls on the optical thin film 12. The optical thin film 12 reflects only the light of the primary-color wavelength having the sharp spectrum, and light of other wavelength regions is absorbed by a substrate 11. Consequently, the contrast of an image formed on the screen 10 for projection is enhanced.

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